

PATENT

Amendment dated February 24, 2004
Reply to Office Action of August 18, 2004

Thought, Inc. Attorney Docket No.: 0036-023
Serial No. 10/045,894

This listing of the claims with indicated amendments, deletions and cancellations and new claims will replace all prior version, and listings, of claims in the application.

LISTING OF THE CLAIMS

1. (cancelled) A system for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model.
2. (cancelled) A system according to claim 1, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the the CDOG model.
3. (cancelled) A system according to claim 2, that provides persistence for a CDOG model on a distributed network environment.
4. (cancelled) A system for creating or maintaining transparent persistence of a

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member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model, further comprising a generic ejb stateful session bean.

5. (cancelled) A system according to claim 1, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the the CDOG model, further comprising a generic ejb stateful session bean.
6. (cancelled) A system according to claim 2, that provides persistence for a CDOG model on a distributed network environment, further comprising a generic ejb stateful session bean.
7. (cancelled) A software module, or set of modules, for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model.

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8. (cancelled) A software module, or set of modules, according to claim 7, for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model, comprising software code for generating, accessing, or maintaining a generic ejb stateful session bean object.
9. (cancelled) A software module, or set of modules, according to claim 7, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the the CDOG model, comprising software code for generating, accessing, or maintaining a generic ejb stateful session bean object.
10. (cancelled) A software module, or set of modules, according to claim 9, that provides persistence for a CDOG model on a distributed network environment.
11. (new) A local or distributed computer system for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model as a CDOG

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model, wherein the system comprises a user interface, a working memory storage area and at least one device for permanently storing information, and said system is loaded with at least one portion of a computer software program that comprises at least one user access interface and a programming object designed for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model as a CDOG model.

12. (new) A computer system according to claim 11, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the CDOG model.

13. (new) A computer system according to claim 2, that provides persistence for a CDOG model on a distributed network environment.

14. (new) A computer system for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating,

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maintaining, accessing or navigating complex data objects as a CDOG model,
further comprising a generic ejb stateful session bean as a loaded software module.

15. (new) A computer system according to claim 1, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the the CDOG model, further comprising a generic ejb stateful session bean as a loaded software module.

16. (new) A computer system according to claim 2, that provides persistence for a CDOG model on a distributed network environment, further comprising a generic ejb stateful session bean as a loaded software module.

17. (new) An object programming language software module, or set of modules, for creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model.

18. (new) A software module, or set of modules, according to claim 17, for

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creating or maintaining transparent persistence of a member selected from the group consisting of a data object, an object graph model and a portion of an object graph model when a user of the system is creating, maintaining, accessing or navigating complex data objects as a CDOG model, comprising software code for generating, accessing, or maintaining a generic ejb stateful session bean object.

19. (new) A software module, or set of modules, according to claim 17, that does not require any modifications to an object model or the inclusion of any persistence byte code in the object model in order to provide persistence for all or a portion of the the CDOG model, comprising software code for generating, accessing, or maintaining a generic ejb stateful session bean object.

20. (new) A software module, or set of modules, according to claim 9, that that provides persistence for a CDOG model on a distributed network environment.